

AMENDMENTS TO THE CLAIMS

Please cancel claims 43-56, without prejudice, and enter the amendments and new claims shown in the following listing. The following listing of claims shows all pending and cancelled claims and indicates whether each pending claim is currently amended, was previously presented as a new or amended claim in a prior response, remains as originally filed, or is newly presented. This listing of claims replaces all prior versions and listings of claims in the application.

1. (Previously Presented) A wireless network component configured for being mounted to a fluorescent light comprising:

a housing containing the wireless network component and including a recess channel for receiving a fluorescent lamp;

a support tube configured to be removably attached to at least a portion of the housing above the recess channel and for fitting over the fluorescent lamp such that the housing is attached to the fluorescent lamp, wherein the fluorescent lamp can be installed within a fluorescent light fixture; and

wherein at least a portion of the support tube is at least partially transparent.

2. (Canceled)

3. (Previously Presented) The wireless network component of claim 1, wherein the housing is suspended below the fluorescent lamp when the fluorescent lamp is installed within the fluorescent light fixture.

4. (Previously Presented) The wireless network component of claim 1, wherein the support tube includes joints that are designed to fit within corresponding grooves on the housing.

5. (Canceled)

6. (Previously Presented) The wireless network component of claim 1, wherein the support tube is designed to dissipate heat generated by the fluorescent lamp.

7. (Original) The wireless network component of claim 6, wherein the support tube includes one or more vents to dissipate the heat.
8. (Previously Presented) The wireless network component of claim 1, wherein the support tube is generally semi-cylindrical in shape.
9. (Previously Presented) The wireless network component of claim 1, wherein the support tube is generally cylindrical in shape.
10. (Original) The wireless network component of claim 9, wherein the support tube is configured to be opened in order to insert the fluorescent lamp therein.
11. (Canceled)
12. (Original) The wireless network component of claim 1, wherein the housing includes a window to allow light emitted by the fluorescent lamp to pass through the housing.
13. (Currently Amended) A wireless network component configured for being mounted to a fluorescent lamp comprising:
 - a housing containing the wireless network component and including a recess channel for receiving the fluorescent lamp;
 - a support tube configured to be removably attached to at least a portion of the housing; and
 - wherein the support tube fits over a the fluorescent lamp and attaches to the housing generally above the recess channel so as to suspend the housing below the fluorescent lamp when the fluorescent lamp is installed within a fluorescent light fixture.
14. (Canceled)

15. (Previously Presented) The wireless network component of claim 13, wherein the support tube includes joints that are designed to fit within corresponding grooves on the housing.

16. (Original) The wireless network component of claim 13, wherein at least a portion of the support tube is at least partially transparent.

17. (Original) The wireless network component of claim 13, wherein the support tube includes one or more vents to dissipate heat generated by the fluorescent lamp.

18. (Previously Presented) The wireless network component of claim 13, wherein the shape of the support tube generally corresponds to the cross-sectional shape of the fluorescent lamp.

19. (Canceled)

20. (Original) The wireless network component of claim 13, wherein the housing includes a window to allow light emitted by the fluorescent lamp to pass through the housing.

21. (Currently Amended) A wireless network component configured for being mounted to a fluorescent light comprising:

a housing containing the wireless network component;

one or more power coupling pin protruding from one side of the housing and configured to be inserted into a first receptacle within a fluorescent light fixture that would otherwise receive one or more pin of a fluorescent lamp; ~~and~~

one or more fluorescent lamp pin connector located on an opposite side of the housing and electrically connected to the one or more power coupling pin, wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp; and

wherein the one or more power coupling pin and the one or more fluorescent lamp pin connector are offset relative to each other such that, when the fluorescent lamp is

installed between the one or more fluorescent lamp pin connector and a second receptacle of the fluorescent light fixture, the fluorescent lamp is disposed at a non-zero angle relative to its intended axis within the fluorescent light fixture, thereby allowing the installed fluorescent lamp to have a length substantially equal to the distance between the first receptacle and the second receptacle.

22. (Original) The wireless network component of claim 21, wherein the one or more fluorescent lamp pin connector is electrically connected to the one or more power coupling pin via a power converter internal to the housing.

23. (Original) The wireless network component of claim 22, wherein the power converter receives power from power source of the fluorescent light via the one or more power coupling pin; and

wherein the power converter supplies the power to the internal electronics of the wireless network component and to the fluorescent lamp pin connector.

24. (Currently Amended) The wireless network component of claim 21, wherein the one or more power coupling pin and the one or more fluorescent lamp pin connector are vertically offset relative to each other, ~~such that the fluorescent lamp is installed at an angle relative to its intended axis within the fluorescent light fixture.~~

25. (Currently Amended) The wireless network component of claim 21, wherein the one or more power coupling pin and the one or more fluorescent lamp pin connector are horizontally offset from each other, ~~such that the fluorescent lamp is installed at an angle relative to its intended axis within the fluorescent light fixture.~~

26. (Original) The wireless network component of claim 21, wherein at least a portion of the housing is at least partially transparent so that light from the fluorescent lamp can pass through the housing.

27. (Original) The wireless network component of claim 21, wherein the housing includes means for dissipating heat generated by the fluorescent light.

28. (Original) The wireless network component of claim 21, wherein the housing includes a recess channel for receiving the fluorescent lamp.

29. (Original) The wireless network component of claim 21, further comprising means for attaching the housing to the fluorescent lamp.

30. (Original) The wireless network component of claim 29, wherein the means for attaching the housing to the fluorescent lamp comprises a support tube configured to be removably attached to at least a portion of the housing; and

wherein the support tube fits over the fluorescent lamp and attaches to the housing so as to attach the housing to the fluorescent lamp.

31. (Previously Presented) A method for configuring a wireless network component for being mounted to a fluorescent light comprising:

containing the wireless network component within a housing that includes a recess channel for receiving a fluorescent lamp; and

attaching the housing to a fluorescent lamp using a support tube that fits over the fluorescent lamp and removably attaches to at least a portion of the housing generally above said recess channel such that the housing is attached to the fluorescent lamp.

32. (Canceled)

33. (Original) The method of 31, wherein the housing is suspended below the fluorescent lamp when the fluorescent lamp is installed within the fluorescent light fixture.

34. (Previously Presented) The method of claim 33, wherein the support tube includes joints that are designed to fit within corresponding grooves on the housing.

35. (Original) The method of claim 31, wherein at least a portion of the support tube is at least partially transparent.

36. (Original) The method of claim 31, wherein the support tube is designed to dissipate heat generated by the fluorescent lamp.

37. (Original) The method of claim 36, wherein the support tube includes one or more vents to dissipate the heat.

38. (Original) The method of claim 31, wherein the support tube is generally semi-cylindrical in shape.

39. (Original) The method of claim 31, wherein the support tube is generally cylindrical in shape.

40. (Original) The method of claim 39, wherein the support tube is configured to be opened in order to insert the fluorescent lamp therein.

41. (Canceled)

42. (Original) The method of claim 31, wherein the housing includes a window to allow light emitted by the fluorescent lamp to pass through the housing.

43. (Canceled)

44. (Canceled)

45. (Canceled)

46. (Canceled)

47. (Canceled)

48. (Canceled)

49. (Canceled)

50. (Canceled)

51. (Canceled)

52. (Canceled)

53. (Canceled)

54. (Canceled)

55. (Canceled)

56. (Canceled)

57. (New) A wireless network component configured for being mounted to a fluorescent light comprising:

a housing containing the wireless network component;

one or more power coupling pin protruding from one side of the housing and configured to be inserted into a receptacle within a fluorescent light fixture that would otherwise receive one or more pin of a fluorescent lamp;

one or more fluorescent lamp pin connector located on an opposite side of the housing and electrically connected to the one or more power coupling pin, wherein the one or more fluorescent lamp pin connector is configured to receive the one or more pin of the fluorescent lamp;

a support tube attached to at least a portion of the housing; and

wherein the support tube fits over the fluorescent lamp and attaches to the housing so as to attach the housing to the fluorescent lamp.

58. (New) The wireless network component of claim 57, wherein the one or more fluorescent lamp pin connector is electrically connected to the one or more power coupling pin via a power converter internal to the housing.

59. (New) The wireless network component of claim 58, wherein the power converter receives power from power source of the fluorescent light via the one or more power coupling pin; and

wherein the power converter supplies the power to the internal electronics of the wireless network component and to the fluorescent lamp pin connector.

60. (New) The wireless network component of claim 57, wherein at least a portion of the housing is at least partially transparent so that light from the fluorescent lamp can pass through the housing.

61. (New) The wireless network component of claim 57, wherein the housing includes means for dissipating heat generated by the fluorescent light.

62. (New) The wireless network component of claim 57, wherein the housing includes a recess channel for receiving the fluorescent lamp.

63. (New) A wireless network component configured for being mounted to a fluorescent light comprising:

a housing containing the wireless network component and including a recess channel for receiving a fluorescent lamp; and

a support tube attached to at least a portion of the housing above the recess channel and for fitting over the fluorescent lamp such that the housing is attached to the fluorescent lamp, wherein the fluorescent lamp can be installed within a fluorescent light fixture.

64. (New) The wireless network component of claim 63, wherein at least a portion of the support tube is at least partially transparent.

65. (New) The wireless network component of claim 63, wherein the housing is suspended below the fluorescent lamp when the fluorescent lamp is installed within the fluorescent light fixture.

66. (New) The wireless network component of claim 63, wherein the support tube is designed to dissipate heat generated by the fluorescent lamp.

67. (New) The wireless network component of claim 66, wherein the support tube includes one or more vents to dissipate the heat.

68. (New) The wireless network component of claim 63, wherein the support tube is generally semi-cylindrical in shape.

69. (New) The wireless network component of claim 63, wherein the support tube is generally cylindrical in shape.

70. (New) The wireless network component of claim 69, wherein the support tube is configured to be opened in order to insert the fluorescent lamp therein.

71. (New) The wireless network component of claim 63, wherein the housing includes a window to allow light emitted by the fluorescent lamp to pass through the housing.

72. (New) A method for configuring a wireless network component for being mounted to a fluorescent light comprising:

containing the wireless network component within a housing that includes a recess channel for receiving a fluorescent lamp; and

attaching the housing to a fluorescent lamp using a support tube that fits over the fluorescent lamp and attaches to at least a portion of the housing generally above said recess channel such that the housing is attached to the fluorescent lamp.

73. (New) The method of 72, wherein the housing is suspended below the fluorescent lamp when the fluorescent lamp is installed within the fluorescent light fixture.

74. (New) The method of claim 72, wherein at least a portion of the support tube is at least partially transparent.

75. (New) The method of claim 72, wherein the support tube is designed to dissipate heat generated by the fluorescent lamp.

76. (New) The method of claim 72, wherein the support tube is generally semi-cylindrical in shape.

77. (New) The method of claim 72, wherein the support tube is generally cylindrical in shape.

78. (New) The method of claim 77, wherein the support tube is configured to be opened in order to insert the fluorescent lamp therein.

79. (New) The method of claim 72, wherein the housing includes a window to allow light emitted by the fluorescent lamp to pass through the housing.